

Interview Summary	Application No.	Applicant(s)	
	10/774,595	ASADA, TETSUO	
	Examiner	Art Unit	
	David H Bollinger	3653	

All participants (applicant, applicant's representative, PTO personnel):

(1) David H Bollinger. (3) _____.

(2) Mr. Scott M. Schulte. (4) _____.

Date of Interview: 09 March 2005.

Type: a) ☐ Telephonic b) ☐ Video Conference
c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☒ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
If Yes, brief description: _____.

Claim(s) discussed: Claims 1, 22 and 29.

Identification of prior art discussed: Miura.

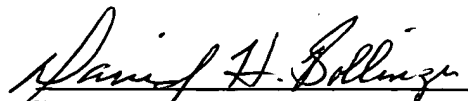
Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed proposed amendment to claims 1 and 22 (see attachment). Discussed the relationship between the fixed guide member and the second movable guide member so that it is the fixed guide member and the first movable guide member which sandwiches the sheets with a size equal to or larger than a predetermined size. The examiner stated the relationship of the relative position of the second movable guide member with the fixed guide member so that only the fixed guide member and the first movable guide member sandwich the sheets when the sheets are a size equal to or larger than a predetermined size. Applicant's representative indicate such language would be incorporated into claims 1 and 22 and the examiner indicated that such language would define over the prior art of record. Applicant's representative also indicated that remarks would be filed to indicate how claim 29 defines the relationship between the second movable guide member and the fixed guide member.

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March 2, 2005

FACSIMILE TRANSMISSION COVER SHEET

To: Examiner David Bollinger
U.S. Patent and Trademark Office
Group Art Unit 3653
Fax (703) 308-0552

From: Scott M. Schulte


Your Ref.: 10/774,595 Our Ref.: 118200

Number of Pages Sent (Including cover sheet): 9

Prepared By: sxb

Comments:

Attached is a proposed set of claims.

Sent by: 

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NOT FOR ENTRY**PATENT APPLICATION****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of

Tetsuo ASADA

Group Art Unit: 3653

Application No.: 10/774,595

Examiner: D. Bollinger

Filed: February 10, 2004

Docket No.: 118200

For: SHEET GUIDING SYSTEM AND IMAGE FORMING DEVICE WITH SHEET
GUIDING SYSTEM**AMENDMENT UNDER 37 C.F.R. §1.111**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the December 15, 2004 Office Action, please consider the following:

Amendments to the Claims as reflected in the listing of claims; and**Remarks.****NOT FOR ENTRY**

NOT FOR ENTRY

Application No. 10/774,595

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A sheet guiding system that guides sheets to be fed in a first direction, comprising:
 - a sheet tray on which sheets are stacked;
 - a fixed guide member that is provided on the sheet tray and that is immovable in a second direction perpendicular to the first direction; and
 - a first movable guide member and a second movable guide member that are provided on the sheet tray and that are movable in the second direction perpendicular to the first direction, wherein the fixed guide member and the first movable guide member, and not the second movable guide member, are used to sandwich and guide the sheets that have a first dimension in the second direction equal to or larger than a predetermined dimension, and the first movable guide member and the second movable guide member are used to sandwich and guide the sheets that have a second dimension in the second direction smaller than the predetermined dimension.
2. (Original) The sheet guiding system according to claim 1, wherein the predetermined dimension is a width of an A4 size sheet.
3. (Original) The sheet guiding system according to claim 2, wherein a maximum dimension of the sheets guidable in the second direction by the guiding system is larger than the width of the A4 size sheet.
4. (Original) The sheet guiding system according to claim 1, wherein when the sheets having the first dimension in the second direction are guided, the second movable guide member is away from the sheets.

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5. (Original) The sheet guiding system according to claim 1, wherein the fixed guide member has a different length in the first direction than the first movable guide member.

6. (Original) The sheet guiding system according to claim 1, wherein the first movable guide member has a different length in the first direction than the second movable guide member.

7. (Original) The sheet guiding system according to claim 6, wherein the first movable guide member is longer in the first direction than the second movable guide member.

8. (Original) The sheet guiding system according to claim 1, wherein the fixed guide member includes a first fixed guide member and a second fixed guide member and the second movable guide member is movable into a gap between the first fixed guide member and the second fixed guide member.

9. (Original) The sheet guiding system according to claim 8, wherein the first movable guide member extends in the first direction and faces both the first fixed guide member and the second fixed guide member in the second direction.

10. (Original) The sheet guiding system according to claim 1, wherein the first movable guide member and the second movable guide member are movable equidistantly in opposite directions along the second direction.

11. (Original) The sheet guiding system according to claim 10, wherein the first movable guide member and the second movable guide member are movable in association with each other in opposite directions with respect to a center line, extending in the first direction, of the sheet tray.

12. (Original) The sheet guiding system according to claim 1, wherein when the fixed guide member and the first movable guide member are used, the fixed guide member is closer than the second movable guide member to the first movable guide member, and a

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center position of the sheets in the second direction between the fixed guide member and the first movable guide member gets closer to the fixed guide member as a distance in the second direction between the fixed guide member and the first movable guide member decreases.

13. (Original) The sheet guiding system according to claim 1, wherein when the first movable guide member and the second movable guide member are used, the second movable guide member is closer than the fixed guide member to the first movable guide member, and a center position of the sheets in the second direction between the first movable guide member and the second movable guide member remains the same as a distance in the second direction between the first movable guide member and the second movable guide member varies.

14. (Original) The sheet guiding system according to claim 10, wherein the first movable guide member and the second movable guide member are movable until a distance in the second direction between the first movable guide member and the second movable guide member becomes equal to a minimum dimension of the sheets guidable by the sheet guiding system.

15. (Original) The sheet guiding system according to claim 1, wherein at least a part of the fixed guide member is provided downstream of the first movable guide member with respect to the first direction.

16. (Original) The sheet guiding system according to claim 1, wherein the sheets are stacked on the sheet tray with their front edges substantially aligned, regardless of a dimension in the first direction of the sheets, and the fixed guide member extends substantially to the front edges of the sheets.

17. (Original) The sheet guiding system according to claim 1, further comprising:
a rear guide member that is provided on the sheet tray and that is movable in the first direction to align rear edges of the sheets.

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18. (Original) The sheet guiding system according to claim 1, wherein the first movable guide member is provided on one side in the second direction of the sheet tray, and the second movable guide member and the fixed guide member are provided on the other side in the second direction of the sheet tray.

19. (Original) The sheet guiding system according to claim 1, wherein the fixed guide member includes a first fixed guide member and a second fixed guide member and the sheets are guided at three positions defined by the first fixed guide member, the second fixed guide member and the first movable guide member.

20. (Original) The sheet guiding system according to claim 1, wherein the fixed guide member includes a first fixed guide member and a second fixed guide member located downstream from the first fixed guide member in the first direction with the second fixed guide member having a shorter length in the first direction than the first fixed guide member.

21. (Original) The sheet guiding system according to claim 1, wherein the fixed guide member includes a first fixed guide member and a second fixed guide member located downstream from the first fixed guide member in the first direction such that the sheets remain in contact with the second fixed guide member for a predetermined distance after the sheets are initially fed in the first direction.

22. (Currently Amended) An image forming device, comprising:
a printhead that prints an image on sheets; and
a sheet guiding system that guides the sheets to be fed in a first direction for printing by the printhead, the sheet guiding system including:
a sheet tray on which the sheets are stacked;
a fixed guide member that is provided on the sheet tray and that is immovable in a second direction perpendicular to the first direction; and

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a first movable guide member and a second movable guide member that are provided on the sheet tray and that are movable in the second direction perpendicular to the first direction, wherein the fixed guide member and the first movable guide member, and not the second movable guide member, are used to sandwich and guide the sheets that have a first dimension in the second direction equal to or larger than a predetermined dimension, and the first movable guide member and the second movable guide member are used to sandwich and guide the sheets that have a second dimension in the second direction smaller than the predetermined dimension.

23. (Original) The image forming device according to claim 22, wherein the predetermined dimension is a width of an A4 size sheet.

24. (Original) The image forming device according to claim 22, wherein the fixed guide member is provided on one side in the second direction of the sheet tray, and the printhead prints using the one side as a reference for printing.

25. (Original) The image forming device according to claim 22, wherein the printhead prints serially in the second direction, perpendicularly to the first direction in which the sheets are fed.

26. (Original) The image forming device according to claim 25, further comprising a carriage that carries and reciprocates the printhead in the second direction perpendicular to the first direction.

27. (Original) The image forming device according to claim 22, further comprising a sheet feed roller that is provided on a downstream side of the sheet tray with respect to the first direction to frictionally contact a center front of a topmost sheet of the sheets on the sheet tray.

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28. (Original) The image forming device according to claim 22, wherein the printhead is disposed at one of upper and lower positions with respect to the sheet guiding system so as to face the sheets to be fed.

29. (Original) A sheet guiding system that guides sheets to be fed in a first direction, comprising:

a sheet tray on which sheets are stacked;

a fixed guide member that is provided on the sheet tray and that is immovable in a second direction perpendicular to the first direction; and

a first movable guide member and a second movable guide member that are provided on the sheet tray and that are movable in the second direction perpendicular to the first direction, wherein:

the first movable guide member is provided on one side in the second direction of the sheet tray, and the second movable guide member and the fixed guide member are provided on the other side in the second direction of the sheet tray,

when the first movable guide member and the second movable guide member are away from each other in the second direction by a distance equal to or larger than a predetermined distance, the fixed guide member is closer than the second movable guide member to the first movable guide member, and

when the first movable guide member and the second movable guide member are away from each other in the second direction by a distance smaller than the predetermined distance, the second movable guide member is closer than the fixed guide member to the first movable guide member.

30. (Original) The sheet guiding system according to claim 29, wherein the sheets having a first dimension in the second direction equal to or larger than the predetermined distance are sandwiched and guided by the fixed guide member and the first movable guide,

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and when the sheets having a second dimension in the second direction smaller than the predetermined distance are sandwiched and guided by the first movable guide member and the second movable guide member.

31. (Original) The sheet guiding system according to claim 30, where in the predetermined distance between the first movable guide member and the second movable guide member is a width of an A4 size sheet.

32. (Original) A sheet guiding system that guides sheets to be fed in a first direction, comprising:

a sheet tray on which sheets are stacked;

a fixed guide member that is provided on the sheet tray and that is immovable in a second direction perpendicular to a first direction; and

a first movable guide member and a second movable guide member that are provided on the sheet tray and that are movable in the second direction perpendicular to the first direction, wherein the fixed guide member has a different length in the first direction than the first movable guide member, and the first movable guide member has a different length in the first direction than the second movable guide member.

33. (Original) The sheet guiding system according to claim 32, wherein the fixed guide member is longer in the first direction than the first movable guide member and the first movable guide member is longer in the first direction than the second movable guide member.

*** RX REPORT ***

RECEPTION OK

TX/RX NO	6586	
CONNECTION TEL		703 836 2787
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ST. TIME	03/02 16:59	
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RESULT	OK	